T-15

(3)

# BRUHAT BANGLORE MAHANAGARA PALIKE

## DASARAHALLI-ZONE

## T.DASARAHALLI-SUB-DIVISION.

**Name of Work**: Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15

Estimate Cost :-40.00 Lakhs

# BRUHAT BANGALORE MAHANAGARA PALIKE

## DASARAHALLI ZONE

*Name of Work: Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15*

| | | | Est. Cost Rs | 40.00 | Lakhs | | | |
|---|---|---|---|---|---|---|---|---|
| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ | | | | | | | | |
| | Shiva temple Front road | Cum | 1 | 107.00 | 0.90 | 0.20 | 19.26 | | |
| | 3rd cross | | 1 | 135.00 | 0.90 | 0.20 | 24.30 | | |
| | 4th cross | | 1 | 135.00 | 0.90 | 0.20 | 24.30 | | |
| | 2nd cross | | 1 | 130.00 | 0.90 | 0.20 | 23.40 | | |
| | | | | | | | **91.26** | 288.36 | 26316.00 |
| | Basic Rate | 267.00 | | | | | | | |
| | Add Area Weightage 8% | 21.36 | | | | | | | |
| | Total | **288.36** | | | | | | | |
| 2 | KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/1.4.3) PWD - SR 2015-16) | | | | | | | | |
| | Shiva temple Front road | Cum | 1 | 107.00 | 0.90 | 0.12 | 11.56 | | |
| | 3rd cross | | 1 | 135.00 | 0.90 | 0.12 | 14.58 | | |
| | 4th cross | | 1 | 135.00 | 0.90 | 0.12 | 14.58 | | |
| | 2nd cross | | 1 | 130.00 | 0.90 | 0.12 | 14.04 | | |
| | Basic Rate | 4695.00 | | | | | **54.76** | 5070.60 | 277646.00 |
| | Add Area Weightage 8% | 375.60 | | | | | | | |
| | Total | 5070.60 | | | | | | | |
| 3 | KSRRB M600-2. Cement Concrete Pavement :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications.(Page No: 173, itNo: 22.2.1) | | | | | | | | |

| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Shiva temple Front road | Cum | 1 | 17.00 | 9.70 | 0.15 | 24.74 | | |
| | | | 1 | 15.00 | 7.00 | 0.15 | 15.75 | | |
| | | | 1 | 75.00 | 5.30 | 0.15 | 59.63 | | |
| | 3rd cross | | 1 | 135.00 | 4.80 | 0.15 | 97.20 | | |
| | 4th cross | | 1 | 135.00 | 4.80 | 0.15 | 97.20 | | |
| | 2nd cross | | 1 | 130.00 | 4.65 | 0.15 | 90.68 | | |
| | Basic Rate | 6429.00 | 1 | | | | 385.19 | 6943.32 | 2674463.00 |
| | Add Area Weightage 8% | 514.32 | | | | | | | |
| | Total | 6943.32 | | | | | | | |
| 4 | KSRB 4.9.2: Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page-17, itNo: 4.46.3) | | | | | | | | |
| | item NO :5 | Kgs | 1 | 385.19 | | 35.00 | 13481.48 | | |
| | | Tonne | | | | Say | 13.48 | 70509.96 | 950578.00 |
| | Basic Rate | 65287.00 | | | | | | | |
| | Add Area Weightage 8% | 5222.96 | | | | | | | |
| | Total | 70509.96 | | | | | | | |
| 5 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (Page 136 table ) Page No. 133 Item No. 17.1 PWD SR 2015-16 | | | | | | | | |
| | Qnty vide itNo:10 | Cum | | | | | 91.26 | 78.24 | 7140.00 |
| | Loding and unloding charges | 62.20 | | | | | | | |
| | Lead 4kms 2x1.28x4 | 10.24 | | | | | | | |
| | | 72.44 | | | | | | | |
| | Add Area Weightage 8% | 5.80 | | | | | | | |
| | Total | 78.24 | | | | | | | |
| 6 | QC & Other Charges | | | | | | | | 60000.00 |
| 7 | Miscellaneous and UnforessenCharges | | | | | | | | 3857.00 |
| | | | | | | | | Total | 4000000.00 |

**(Rupees.Forty Lakhs Only)**

A/S & T/S

P.T.O.

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

AC(DH) AS/13/2016-17 12/05/2016

40.00 Lakhs (Rupees Forty Lakhs only)

ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ.

Page No. 41
Sl. No. 13

ಅಪರ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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ನಂ. CE/D2/TS/~~23~~ 1157/16-17 ದಿನಾಂಕ : 25-05-2011

ರೂ. Pg: Rs. 40,00,000/- Rupees fourty lakhs only)

ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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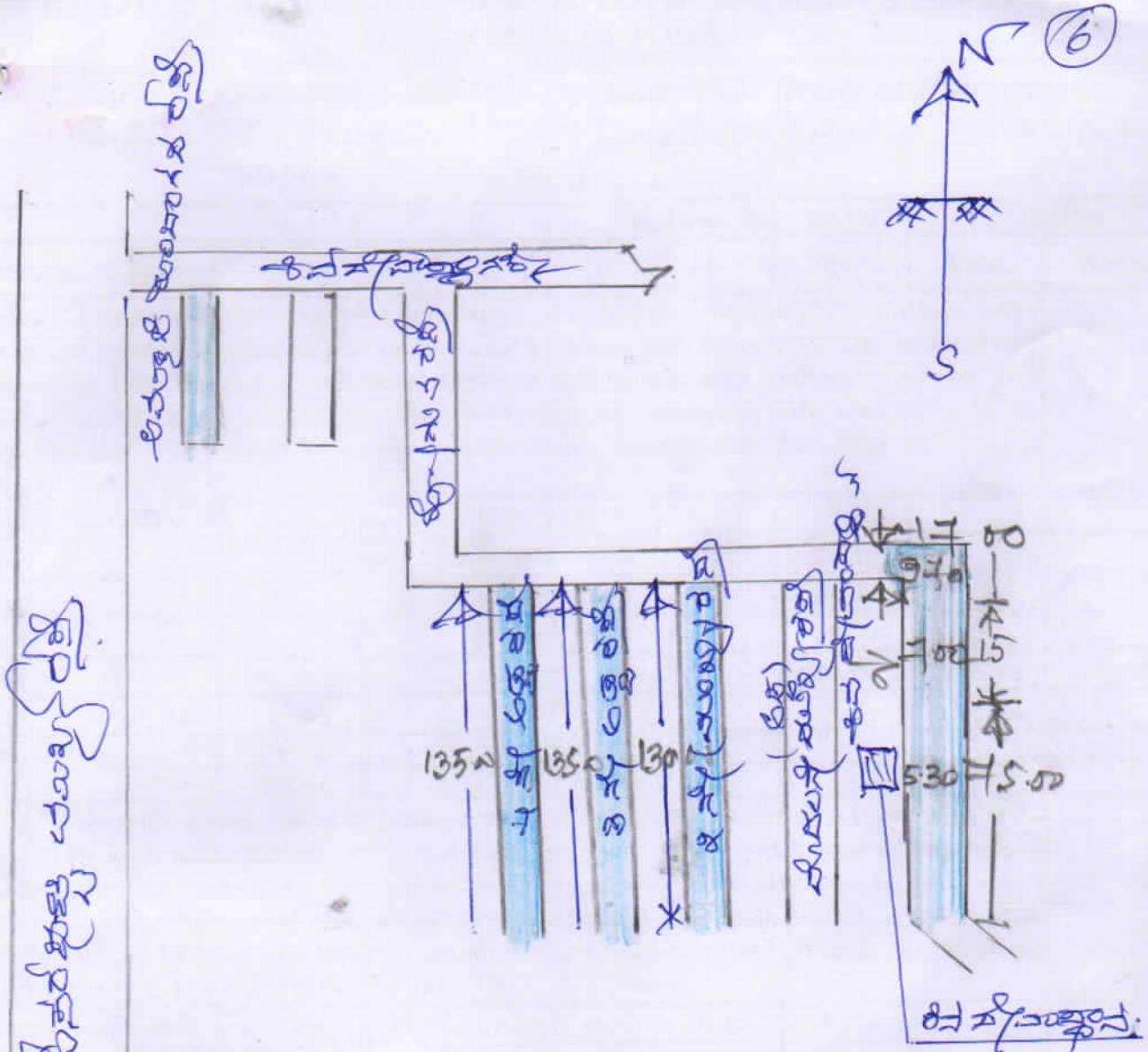
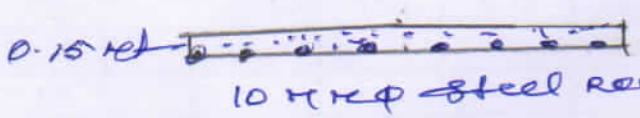
ನಂ. CE/TS/145/16-17 ದಿನಾಂಕ : 17/03/2017

ರೂ. ನಲವತ್ತು ಲಕ್ಷಗಳು ಮಾತ್ರ/-
Rp. Fourty lakhs only/-

ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.




Name of work:- Improvements & construction of C.C Roads & Bhuvaneshwari Nagara 5th main 2nd 3rd & 4th cross Shiva Temple Front road in Dasarahalli ward No 15

Assistant Engineer
Assistant Executive Engineer
T. Dasarahalli Sub-Division
Jalahalli, BBMP
Bengaluru

# BRUHAT BANGLORE MAHANAGARA PALIKE

## DASARAHALLI-ZONE

## T.DASARAHALLI-SUB-DIVISION.

*Name of Work: Modified Estimate Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15*

Estimate Cost :-40.00 Lakhs

# BRUHAT BANGALORE MAHANAGARA PALIKE

## DASARAHALLI ZONE

*Name of Work: Modified Estimate Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15*

| | | | Est. Cost Rs | | | | 40.00 | Lakhs | |
|---|---|---|---|---|---|---|---|---|---|
| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ | | | | | | | | |
| | Shiva temple Front road | Cum | 1 | 110.00 | 0.90 | 0.20 | 19.80 | | |
| | 3rd cross | | 1 | 137.00 | 0.90 | 0.20 | 24.66 | | |
| | 4th cross | | 1 | 137.00 | 0.90 | 0.20 | 24.66 | | |
| | 2nd cross | | 1 | 132.00 | 0.90 | 0.20 | 23.76 | | |
| | | As per Tender Quoted Rate | | | | | 92.88 | 195.00 | 18112.00 |
| 2 | Removing B.S. slab of drain and stacking with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.25, Item No. 5.32) | | | | | | | | |
| | Shiva temple Front road | Sqm | 1 | 110.00 | 0.75 | | 82.50 | | |
| | Bhuvaneshwari Nagara 3rd cross | | 2 | 130.00 | 0.75 | | 195.00 | | |
| | 2nd Cross | | 2 | 130.00 | 0.75 | | 195.00 | | |
| | 4th Cross | | 2 | 135.00 | 0.75 | | 202.50 | | |
| | | | 2 | 190.00 | 0.75 | | 285.00 | | |
| | (Rate:65.72-17.78%=54.03/cum) | | | | | | 960.00 | 54.03 | 51869.00 |
| 3 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.1) | | | | | | | | |
| | | Cum | 1 | 110.00 | 0.45 | 0.40 | 19.80 | | |
| | | | 2 | 110.00 | 0.60 | 0.30 | 39.60 | | |
| | | | 2 | 130.00 | 0.45 | 0.40 | 46.80 | | |
| | | | 2 | 130.00 | 0.60 | 0.30 | 46.80 | | |
| | | | 2 | 130.00 | 0.45 | 0.40 | 46.80 | | |
| | | | 2 | 130.00 | 0.60 | 0.30 | 46.80 | | |
| | | | 2 | 135.00 | 0.45 | 0.40 | 48.60 | | |
| | | | 2 | 135.00 | 0.60 | 0.30 | 48.60 | | |
| | | | 2 | 190.00 | 0.60 | 0.50 | 114.00 | | |
| | (Rate:86.92-17.78%=71.46/cum) | | | | | | 457.80 | 71.46 | 32714.00 |

| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 4 | Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials | | | | | | | | |
| | | Sqm | 25 | 4.50 | 0.75 | | 84.375 | | |
| | **Data Rates Approved by** | | | | | | **84.375** | 1315.52 | 110997.00 |
| | (Rate:1600-17.78%=1315.52/cum) | | | | | | | | |
| | | | | | | | | | |
| 5 | Refixing stone slabs of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2016-17 | | | | | | | | |
| | | | | | | | | | |
| | | Qty Vide Item No 2 | | | | | **960.00** | | |
| | | Deduct Qty Item No 4 | | | | | 84.38 | | |
| | (Rate:80.56-17.78%=1315.52/cum) | | | | | | 875.63 | 66.24 | 58001.00 |
| | | | | | | | | | |
| 6 | **Vaccum de-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of Machinery, screed Vibratory, Power Floater, blade and disc etc., with all lead and lift Page No. 178/ Item No.22.7/ PWD SR 2016-17 | | | | | | | | |
| | | **Sqm** | 1 | 17.00 | 9.70 | | 164.90 | | |
| | | | 1 | 15.00 | 7.00 | | 105.00 | | |
| | | | 1 | 75.00 | 5.30 | | 397.50 | | |
| | | | 1 | 135.00 | 4.80 | | 648.00 | | |
| | | | 1 | 135.00 | 4.80 | | 648.00 | | |
| | | | 1 | 130.00 | 4.65 | | 604.50 | | |
| | | | | | | | **2567.90** | 78.44 | 201426.00 |
| | (Rate:95.40-17.78%=78.44/cum) | | | | | | | | |
| | | | | | | | | | |
| 7 | Providing **Concrete Groove cutting** for width of 5mm to 10mm and depth 80mm100mm including cost of cutting machine generator & HOM of machinery, including cost of blade coolant etc., including cleaning of groove & Providing sand and hot bitumen fillars, and fillars metal etc., including cost of conveyance of all materials, labour lead and lift charges and all other incidental charges as per drawing and as per specifications. Page No. 178/ Item No.22.8/ PWD SR 2016-17 | | | | | | | | |
| | | **Rmt** | 1 | 6.20 | | | 6.20 | | |
| | | | 1 | 4.90 | | | 4.90 | | |
| | | | 1 | 5.80 | | | 5.80 | | |
| | | | 1 | 5.95 | | | 5.95 | | |
| | | | 1 | 4.60 | | | 4.60 | | |
| | | | 1 | 5.80 | | | 5.80 | | |
| | | | 1 | 8.20 | | | 8.20 | | |
| | | | 1 | 12.30 | | | 12.30 | | |
| | | | 1 | 9.60 | | | 9.60 | | |
| | | | 1 | 6.30 | | | 6.30 | | |
| | | | 2 | 5.20 | | | 10.40 | | |
| | | | 1 | 4.50 | | | 4.50 | | |
| | | | 2 | 3.65 | | | 7.30 | | |
| | | | 3 | 5.40 | | | 16.20 | | |
| | | | 1 | 4.80 | | | 4.80 | | |
| | | | 2 | 4.00 | | | 8.00 | | |
| | | | 1 | 3.75 | | | 3.75 | | |

| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 4.20 | | | 8.40 | | |
| | | | 3 | 5.50 | | | 16.50 | | |
| | (Rate:121.90-17.78%=100.23/cum) | | | | | | **149.50** | 100.23 | **14984.00** |
| | | | | | | | | | |
| 8 | KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2015-16) | | | | | | | | |
| | Shiva temple Front road | Cum | 1 | 110.00 | 0.90 | 0.12 | 11.88 | | |
| | 3rd cross | | 1 | 137.00 | 0.90 | 0.12 | 14.80 | | |
| | 4th cross | | 1 | 137.00 | 0.90 | 0.12 | 14.80 | | |
| | 2nd cross | | 1 | 132.00 | 0.90 | 0.12 | 14.26 | | |
| | Bad Reach | | 4 | 20.00 | 3.00 | 0.12 | 28.80 | | |
| | | | | | | | **84.528** | | |
| | tendered rate | | | | | upto 125% | **68.45** | 3500.00 | **239575.00** |
| | (Rate:5159.02-17.78%=4241.75/cum) | | | | above 125% | | **16.078** | **4241.75** | **68199.00** |
| | | | | | | | | | |
| 9 | KSRRB M600-2. **Cement Concrete Pavement** :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications.(Page No: 173, itNo: 22.2.1) | | | | | | | | |
| | Shiva temple Front road | **Cum** | 1 | 12.00 | 12.30 | 0.15 | 22.14 | | |
| | | | 1 | 9.80 | 9.60 | 0.15 | 14.11 | | |
| | | | 1 | 76.00 | 5.80 | 0.15 | 66.12 | | |
| | | | 1 | 7.00 | 4.20 | 0.15 | 4.41 | | |
| | 3rd cross | | 1 | 137.00 | 4.80 | 0.15 | 98.64 | | |
| | 4th cross | | 1 | 60.00 | 4.20 | 0.15 | 37.80 | | |
| | | | 1 | 80.00 | 5.80 | 0.15 | 69.60 | | |
| | 2nd cross | | 1 | 75.00 | 5.40 | 0.15 | 60.75 | | |
| | | | 1 | 60.00 | 4.30 | 0.15 | 38.70 | | |
| | tendered rate | | | | | | 412.272 | 5725.00 | 2360257.00 |

| Sl | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 10 | KSRB 4.9.2: Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page-17, itNo: 4.46.3) | | | | | | | | |
| | item NO :5 | Kgs | 1 | 412.27 | | 35.00 | 14429.52 | | |
| | | Tonne | | | | Say | 14.43 | 51100.00 | 737348.00 |
| | | | | 0.00 | | | | | |
| 11 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (Page 136 table ) Page No. 133 Item No. 17.1 PWD SR 2015-16 | | | | | | | | |
| | Qnty vide itNo:10 | Cum | | | | | 550.68 | 80.00 | |
| | | | | upto 125% | | | 114.08 | 80.00 | 9126.00 |
| | | | | above 125% | | | 436.60 | 66.60 | 29078.00 |
| | | | | | | | | | |
| 12 | QC & Other Charges | | | | | | | | 60000.00 |
| | | | | | | | | | |
| 13 | Miscellaneous and UnforessenCharges | | | | | | | | 8314.00 |
| | | | | | | | | | |
| | | | | | | | | Total | 4000000.00 |

**(Rupees.Forty Lakhs Only)**

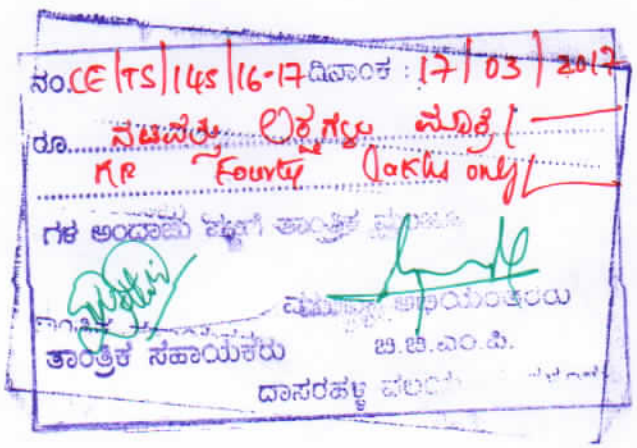
CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.



# WORK SLIP

## Government of Karnataka

Form No. PWG-45

BBMP. Dasarahalli

Estimate Amount: 40.00 Lakhs

**Name of The Work:** Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15

Work Order No: EE(D.D)/WO/ /

Name of the Contractor :

Code No.

| Sl | Description of Item | Unit | As per Sanction Estimate | | | As per Tender | | | Total Executed Qty | up to 125% | | | Above 125% more than tender Qty | | | Total Amount | Amount | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Rate | Amount | Qty | Qty | Rate | Amount | Qty | Rate | Amount | | Excess | Savings | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ | Cum | 91.26 | 288.36 | 26316.00 | 91.26 | 195.00 | 17796.00 | 92.88 | 92.88 | 195.00 | 18112.00 | 0.00 | — | — | 18112.00 | — | 8204.00 | |
| 2 | KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2015-16) | Sqm | 54.76 | 5070.60 | 277666.00 | 54.76 | 3500.00 | 191660.00 | 84.53 | 68.45 | 3500.00 | 239575.00 | 16.08 | 4241.75 | 68207.00<br>68199.0 | 307782.00<br>307774.0 | 30168.0<br>30116.00 | — | |
| 3 | KSRRB M600-2. Cement Concrete Pavement :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications.(Page No: 173, itNo: 22.2.1) | Cum | 385.19 | 6943.32 | 2674497.00 | 385.19 | 5725.00 | 2205213.00 | 412.27 | 412.27 | 5725.00 | 2360246.00 | — | — | — | 2360246.00 | — | 314251.00 | |
| 4 | KSRB 4.9.2: Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page-17, itNo: 4.46.3) | Sqm | 13.48 | 70509.96 | 950474.00 | 13.48 | 51100.00 | 688828.00 | 14.43 | 14.43 | ######<br>51100.0 | 7373733.00<br>737373.0 | — | — | — | 7373730.00<br>737373.0 | — | 224604.00<br>21,301.0 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading & unloading (Page 136 table ) Page No. 133 Item No. 17.1 of SR 2015-16 | Sqm | 91.26 | 78.24 | 7140.00 | 91.26 | 80.00 | 7301.00 | 550.68 | 114.08 | 80.00 | 9126.00 | 436.60 | 66.60 | 29078.00 | 38204.00 | 31064.00 | | |
| | TOTAL | | | | 3936093 | | | 3110798 | | | | 9982677 | | | 97285 | | 61180 | 547059 | |

3364432:0 — 346171.0

Assistant Engineer
W-15

ASSISTANT EXECUTIVE ENGINEER
T.Dasarahalli Sub-Division
Bagalagunte, BBMP

EXECUTIVE ENGINEER
Dasarahalli Division

Total Spilled Amt 346171/- = 0
Added Tender Amt 3110798 = 0
Work slip Amt 350919 = 0

Percentage of excess comparing to sanctioned cost $= \frac{350919}{3110798} \times 100 = 11.28\%$.

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# EIRL

## Government of Karnataka

**BBMP. Dasarahalli**

**Name of The Work: Improvements and Construction of CC Roads at Bhuvaneshwari nagara 5th Main 2nd, 3rd & 4th Cross Shiva Temple Front road in Dasarahalli ward No:15**

**Est.Cost: 40.00 Lakhs**

**Name of the Contractor :** **Work Code:**

| Sl | Description of Item | Unit | Approximate Qty | Rate | Amount in Rupees | Weather Item Alternate to item in the Tender or they are Additional item (if in Lieu of the Same item in the Accepted tender such items should be Mentioned) | Weather Extra item is Included in the Sanction estimate | How the Extra Cost of Item is Propose to be met | Wheather Extra item is Included in the Shedules of Rate of Division if Not Data Sheet Should Accompany the Rate List | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Removing B.S. slab of drain and stacking with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.25, Item No. | Sqm | 960.00 | 54.03 | **51869** | Additional Item | Yes | Savings amount in the Estimate | YES | |
| 2 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. | Cum | 457.80 | 71.46 | **32714** | Additional Item | Yes | Savings amount in the Estimate | YES | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials | Sqm | 84.38 | 1315.52 | **111004** | Additional Item | Yes | | YES | |
| 3 | Refixing stone slabs of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2016-17 | Sqm | 875.63 | 66.24 | **58002** | Additional Item | Yes | | YES | |
| 4 | Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of Machinery, screed Vibratory, Power Floater, blade and disc etc., with all lead and lift Page No. 178/ Item No.22.7/ PWD SR 2016-17 | Sqm | 2567.90 | 78.44 | **201426** | Additional Item | Yes | | YES | |
| 5 | Providing Concrete Groove cutting for width of 5mm to 10mm and depth 80mm100mm including cost of cutting machine generator & HOM of machinery, including cost of blade coolant etc., including cleaning of groove & Providing sand and hot bitumen fillars, and fillars metal etc., including cost of conveyance of all materials, labour lead and lift charges and all other incidental charges as per drawing and as per specifications. Page No. 178/ Item No.22.8/ PWD SR 2016-17 | Rmt | 149.50 | 100.23 | **14984** | Additional Item | Yes | | YES | |
| | | | | | **469999.00** | | | | | |

Percentage of exees comparing to Sanctioned cost $\frac{469999}{3110798} \times 100 = 15.10\%$

Assistant Engineer
W-15

ASSISTANT EXECUTIVE ENGINEER
T.Dasarahalli Sub-Division
Bagalagunte. BBMP

EXECUTIVE ENGINEER
Dasarahalli Division

CHIEF ENGINEER
Dasarahalli Zone
ಮುಖ್ಯ ಅಭಿಯಂತರರು
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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.